

SITE INFORMATION

Site Identifier : BK4RB4 Landowner Type : Federal  
Site Name : Landowner Name : USFS  
WRIA : 03.0510X Address :  
Region : NS Address2 :  
Trib to : Morovitz Cr City :  
River Mile : 0.50 State :  
River System : Baker R Zipcode :  
Legal Description : NW1/4S32T38NR9E Phone :  
County : Whatcom  
Habitat Type : beaver pond

Directions :  
From the Cook Rd. and Hwy 20 intersect, head east on Hwy 20 for 17.8 miles to the Baker Lake Rd. on the left. Turn left and go 20.5 miles to the FS 1144 road on the left. Go approximately 0.6 miles to a road on the right. Turn right and follow it to Morovitz Cr. Walk down creek approximately 0.2 miles to the site.

Area Overview :  
Site is the outlet channel from a large beaver induced marsh that is not accessible. The outlet is mostly riffle and cascade, with no spawning habitat and little rearing habitat.

Field Survey Information

Date : 12/13/1998 Observer : Barkdull Survey Type :initial

HABITAT INFORMATION

Water Source: (x) Spring ( ) Groundwater (x) Surface runoff

Flow: (x) Intermittent( ) Year-round

Estimated Flows (cfs): Lower end:0.5  
Upper end:0.5

Water Temperature(C): Lower end:3  
Upper end:3

Receiving Water Temperature (C):5

Other Observations:

Site Area Measurements: ( )Indirect (x) Direct ( ) Combination  
Widths: Channel:1.5 Ponds: Wetlands:  
Depths: Channel: .2 Ponds: Wetlands:  
Total length (includes ponds and wetlands):118

Total existing habitat area (est. m2):183  
Spawning area: Mainstem:0 Tribs: Total:0  
Impounded area: Mainstem: Tribs: Total:  
Other rearing area: Mainstem:183 Tribs: Total:183  
Unaccessible habitat: Mainstem:8300 Tribs: Total:8300

Spawning habitat conditions: ☒ None ☐ Poor ☐ Fair ☐ Good ☐ Excellent

Describe spawning habitat:

Rearing habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat: Accessable length is mainly riffles and cascades with only a small amount of pool habitat. Site has good cover and large amounts of woody debris.

Describe unaccessible habitat: A large marsh formed by multiple beaver dams

Wetland type: ☐ Bog ☒ Marsh ☐ Scrub-shrub ☐ Forested

Describe: Marsh appears to be mostly shallow except in a few places with abundant emergent vegetation and surrounded by old growth forest.

Flooding potential: ☒ Low ☐ Medium ☐ High

Describe: The large beaver marsh attenuates any high flows.

FISH INFORMATION

Site entry condition: ☒ Poor ☐ Fair ☐ Good

Describe: A one meter cascade and high gradient in the lower six meters probably limits fish access. The large marsh does not appear passable because the flow through the dam face occurs across 85 meters in many very small trickles.

Coho access and use: Juvenile ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good  
Adult ☐ Unknown ☒ None ☐ Poor ☐ Fair ☐ Good

Describe: No juveniles were observed on the day of the survey and no spawning gravel is present.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

Describe: Trout use is probable especially above the dam.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: This is a very scenic marsh.

ATTACHMENTS AVAILABLE

☒ Aerials ☒ Sketch ☒ Maps ☐ Spawning Surveys ☐ Juvenile Trapping  
☐ Other References

Site id. code: Bk4RB4  
Site name:  
Scale: 1" = 20 m  
Observer(s): B. Barkull  
Legal location: NW 1/4 32, T38N, R9E

Swampy  
pond  
not accessible

old growth  
forest

thick  
brush

10/0  
gradient

213

11m  
6% gradient

1m Cascade SS.

Moravitz cr

Large Beaver Dam  
seeps  
grooves

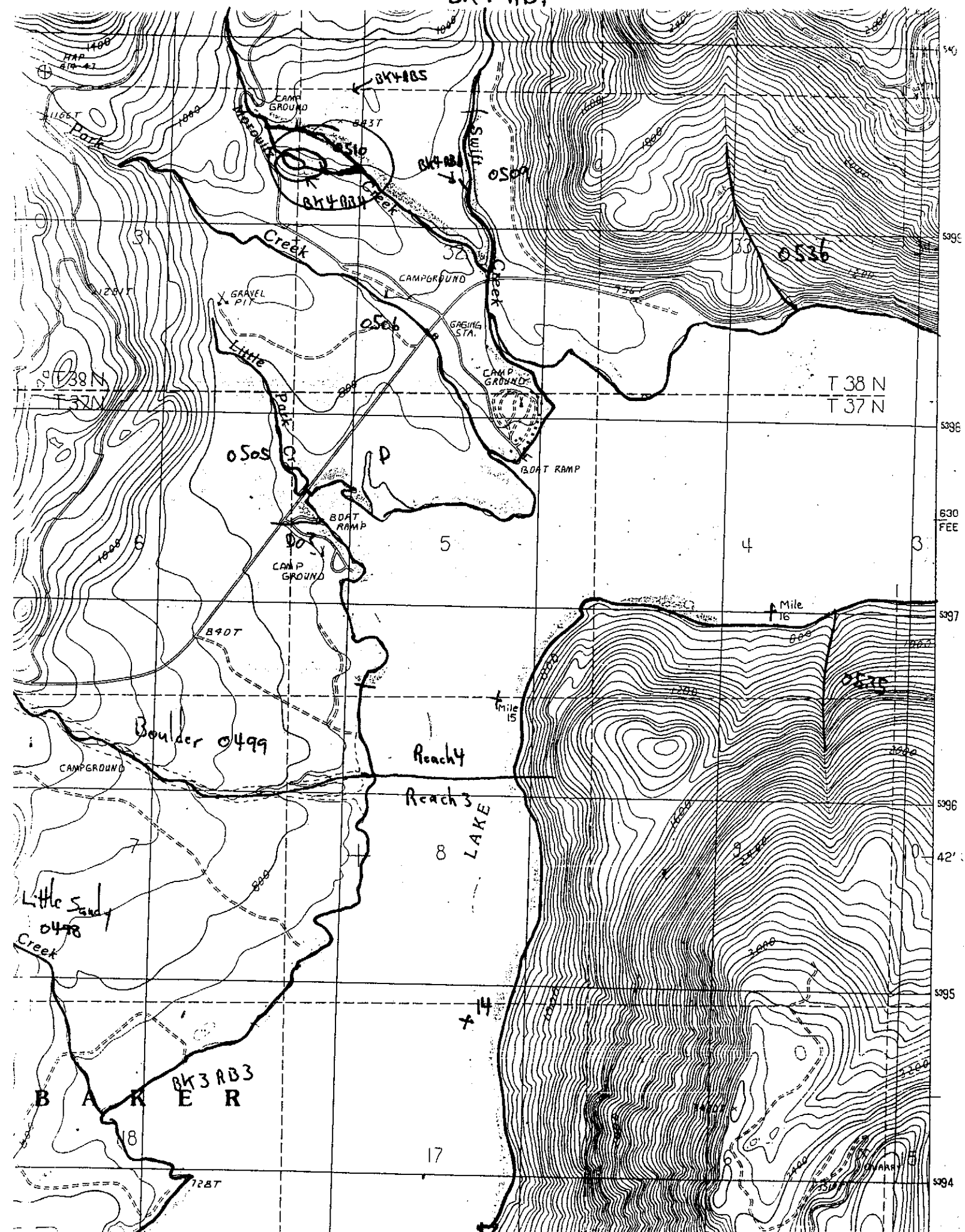
~~seeps~~  
~~10% gradient~~

Alders

Intermittent

118~

DATA NOT



12/3/89 tub to Moravitz @ 0.5

37° creek to

0.0 1.0 cascade at mouth

11 1.0 6% gradient

21 2.0 forks

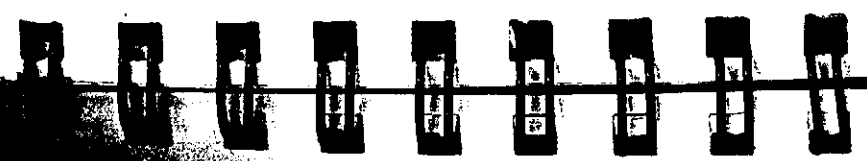
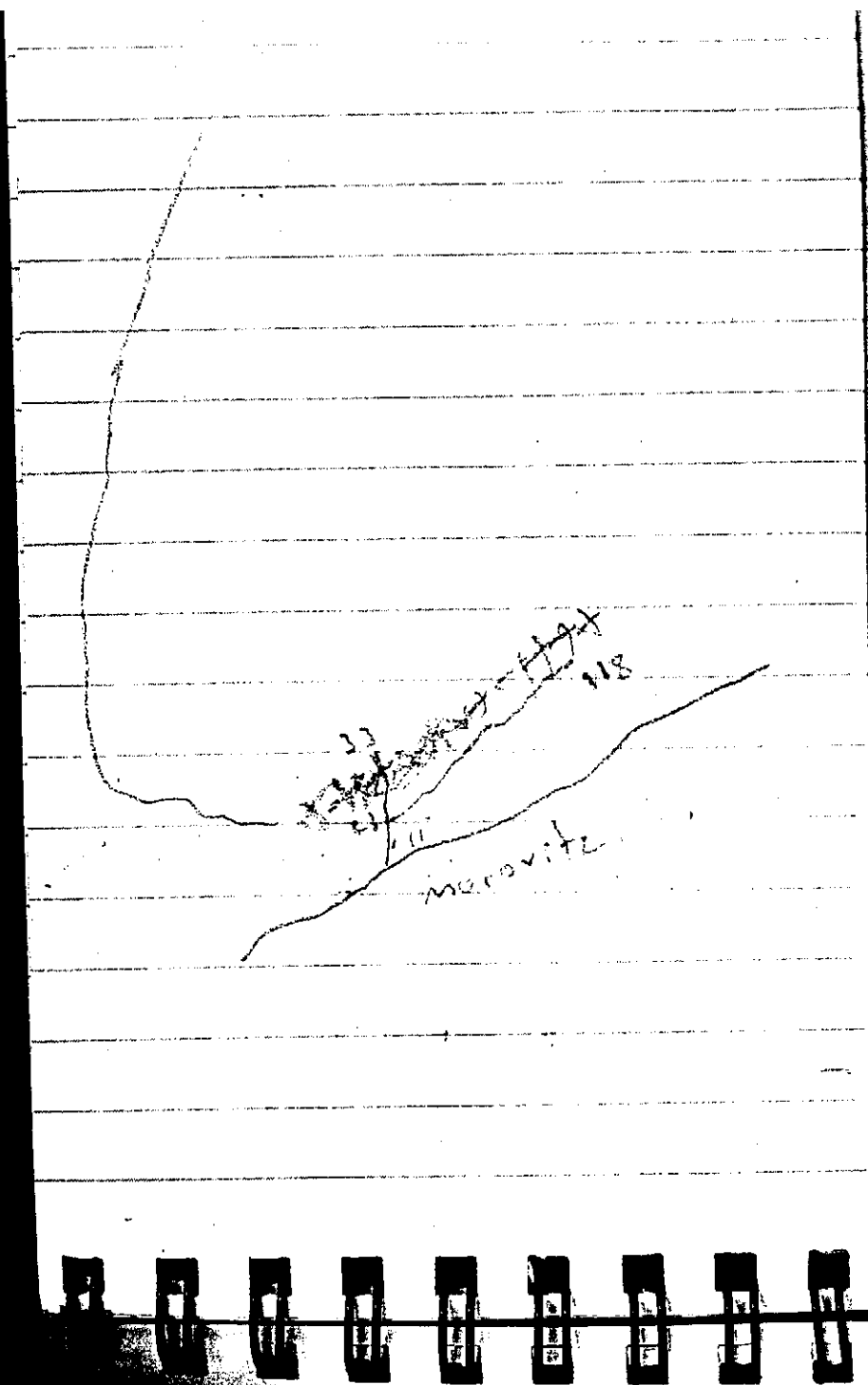
33 2.0 Beaver dam

118 1.5 Intermittent stream

Poor access due to  
cascade at mouth, Beaver dam

Bk4AB4

NW 1/4 32, T38N, R9E



to Moravitz @ 0.5  
south

8-15-85

USDA

F12

6/2/50

1483-187

116228

4-3 5

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